

Resources and risks of moderation as an interactive method of furthering teamwork skills among students of higher education institutions

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

© 2018 National Research Ogarev Mordovia State University. All rights reserved.. Introduction. The article presents moderation in the organisation of the educational process. Moderation contributes to the development of communicative competencies in students. Graduates with developed communicative skills are in demand by the labor market and are attractive to employers. The purpose of the article is to investigate the development of team skills, the advantages of moderation, its risks and ways to overcome them, to discover the dynamics of students' attitudes toward group forms of organisation of training before and after their use. Materials and Methods. Systemic and structural-functional approaches, sociological, logical and comparative methods were used as methodological grounds of the study. The empirical methods included observation, questioning, testing, analysis, study, and generalisation of the results. Results. The relevance of moderation in teaching learning process has been substantiated. This method promotes the development of teamwork skills among students. At the same time, several risks were diagnosed. The different value attitude of students towards joint activity and personal contribution to the overall result, absolutisation of comfortable relations in the team, and the incompetent formation of teams are the main risks. Competent application of moderation creates a positive dynamics of growth of interest and readiness of students to collective methods of teaching. Awareness of the importance of teamwork leads to greater effectiveness in the activity. The revealed positive dynamics of students' attitude to group methods in teaching learning process testifies to the relevance of the application of new methods. Discussion and Conclusions. The results of the study can be used by lectures interested in modern teaching technologies. In addition, employees of university departments involved in the implementation of innovations in the teaching learning process will find much important and useful information in this article.

<http://dx.doi.org/10.15507/1991-9468.091.022.201802.369-382>

Keywords

Discussion, Interaction, Interactive training, Method of organization of the educational process, Moderation, Pedagogical support, Pedagogical technology, Teamwork

References

- [1] Ivanova Ye.O., Osmolovskaya I.M. [Perspective teaching technologies: didactic aspect]. *Pedagogika = Pedagogy*. 2017; 1:3-10. Available at: <http://sevcbs.ru/main/wp-content/uploads/2017/07/Statya-k-zhurnalPedagogika-2017-1.pdf> (accessed 13.03.2018). (In Russ.)
- [2] Matlin A.O., Fomenkov S.V. Interactive learning tools in the educational process. *Izvestiya Volgo-gradskogo tekhnicheskogo gosudarstvennogo universiteta = Volgograd State Technical University Bulletin*. 2010; 8(6):110-111. Available at: <https://elibrary.ru/item.asp?id=15556759> (accessed 13.03.2018). (In Russ.)
- [3] Dunnion J., O'Donovan B. Systems thinking and higher education: The vanguard method. *Systemic practice and action research*. 2014; 27(1):23-37. (In Russ.) DOI: 10.1007/s11213-012-9258-4
- [4] Yakovlev Ye.V., Yakovleva N.O. Innovative ways of pedagogical support. *Vestnik Chelyabinskogo gosudarstvennogo pedagogicheskogo universiteta = Bulletin of Chelyabinsk State Pedagogical University*. 2015; 8:101-106. Available at: <http://0110.ru/5611> (accessed 13.03.2018). (In Russ.)
- [5] Sobolnikov V.V., Sobolnikova Ye.V. Problems of psychology of management of unconscious mental activity of students. *Sibirskiy pedagogicheskiy zhurnal = Siberian Pedagogical Journal*. 2014; 1:175-179. Available at: <http://sp-journal.ru/article/772> (accessed 13.03.2018). (In Russ.)
- [6] Papyshev A.A., Safonova L.A., Safonov V.I., Molchanova E.A., Zhamkov A.A. Forming ICT-competence and social activity among students of teacher training institute by means of interactive forms of education. *Integratsiya obrazovaniya = Integration of Education*. 2015; 19(2):59-66. (In Russ.) DOI: 10.15507/Inted.079.019.201502.059
- [7] Jhurree V. Technological integration in education in developing countries: Policy advice. *International Educational Journal*. 2005; 6(4):467-483. Available at: <https://eric.ed.gov/?id=EJ855000> (accessed 13.03.2018).
- [8] Tsarapkina J.M., Vorobyova K.P. Developing social competence in students while applying a moderation technique. *Istoricheskaya i sotsialno-obrazovatel'naya mysl = Historical and Social-Educational Ideas*. 2014; 3:148-152. Available at: <http://www.hist-edu.ru/hist/article/view/313> (accessed 13.03.2018). (In Russ.)
- [9] Stepanova T.P. Moderation process as an instrument of mild pedagogical management of the developing leisure-time communication. *Vestnik Chelyabinskoy gosudarstvennoy akademii kultury i iskusstv = Culture and Arts Herald*. 2011; 2:61-65. Available at: <http://vestnik.chgik.ru/?p=79&lang=ru> (accessed 13.03.2018). (In Russ.)
- [10] Noskova T.N., Pavlova T.B., Yakovleva O.V. Analysis of domestic and international approaches to the advanced educational practices in the electronic network environment. *Integratsiya obrazovaniya = Integration of Education*. 2016; 20(4):456-467. (In Russ.) DOI: 10.15507/1991-9468.085.020.201604.456-467
- [11] Rudenko N.S., Krylova S.G. Pilot study of the influence of a communicator's speech characteristics on a recipient's willingness to maintain interaction in cross-cultural online communication. *Psychology in Russia*. 2016; 2:112-128. DOI: 10.11621/pir.2016.0209
- [12] Batakova E.L., Batakov N.V. Interactive learning tools as part of electronic educational resources. *Vestnik Tomskogo gosudarstvennogo pedagogicheskogo universiteta = Tomsk State Pedagogical University Bulletin*. 2016; 1:105-109. Available at: https://vestnik.tspu.edu.ru/archive.html?year=2016&issue=1&article_id=5674 (accessed 13.03.2018). (In Russ.)
- [13] Ivleva T.N. [Interactive methods of teaching during independent work of students]. *Vestnik Ke-merovskogo gosudarstvennogo universiteta kultury i iskusstv = Kemerovo State University of Culture and Arts Bulletin*. 2012; 21:145-150. Available at: http://vestnik.kemgik.ru/index.php?option=com_content&view=article&id=84&Itemid=60&lang=ru (accessed 13.03.2018). (In Russ.)
- [14] Kholod V.L. Andragogical a basis to improve motivation of the bachelors during the course of pedagogic. *Nauchnye vedomosti Belgorodskogo gosudarstvennogo universiteta. Ser.: Gumanitarnye nauki = Belgorod State University Scientific Bulletins. Series: Humanities*. 2017; 7(256):150-157. Available at: <http://0110.ru/5612> (accessed 13.03.2018). (In Russ.)
- [15] Konopleva E.L., Ostapenko V.M. The business game as a form of organization of competent approach in teaching of history of medicine. *Problemy sotsialnoy gigieny, zdravookhraneniya i istorii meditsiny = Issues of Social Hygiene, Public Health and History of Medicine*. 2015; 1:51-52. Available at: <http://0110.ru/5613> (accessed 13.03.2018). (In Russ.)
- [16] Courtie J., Webb E.M., Phelps A.S., Naeger D.M. Assessing the learning potential of an interactive digital game versus an interactive-style didactic lecture: the continued importance of didactic teaching in medical student education. *Pediatric Radiology*. 2016; 46(13):1787-1796. DOI: 10.1007/s00247-016-3692-x
- [17] Gubanova M. The moderation in group reflection of teachers' activities. *Professionalnoye obrazovaniye v Rossii i za rubezhom = Professional Education in Russia and Abroad*. 2015; 2(18):67-71. Available at: [http://www.prof-obr42.ru/Archives/2\(18\)2015.pdf](http://www.prof-obr42.ru/Archives/2(18)2015.pdf) (accessed 13.03.2018). (In Russ.)
- [18] Sidelnikova T.T., Temnikov D.A. Acmeological training as a form of organisation of training courses of teachers of higher educational institutions. *Kazanskiy pedagogicheskiy zhurnal = Kazan Pedagogical Journal*. 2015; 3:101-105. Available at: <https://elibrary.ru/item.asp?id=23762497> (accessed 13.03.2018). (In Russ.)

- [19] Aleyevskaya Yu.I., Ashirbagina N.L., Meshcheryakova N.A. Communicative competence as the subject of educational research. *Integratsiya obrazovaniya = Integration of Education*. 2016; 20(3):352-363. (In Russ.) DOI: 10.15507/1991-9468.084.020.201603.352-363
- [20] Rambe P. Spaces for interactive engagement or technology for differential academic participation? Google Groups for collaborative learning at a South African. *Journal of Computing in Higher Education University*. 2017; 29(2):353-387. DOI: 10.1007/s12528-017-9141-5
- [21] Moskovskaya A. Electronic 'knowledge factories' versus micro-environment of innovation: who will win? *Foresight and STI Governance*. 2016; 2:81-91. Available at: <http://foresight-journal.hse.ru/en/201610-2/185677953.html> (accessed 13.03.2018). (In Russ.)
- [22] Lakhvich T. Modelling in science and education: the way to get better results in real through the use of an idealised understanding. *Journal of Baltic Science Education*. 2017; 16(1):4-6. Available at: <http://journals.indexcopernicus.com/abstract.php?icid=1232123> (accessed 13.03.2018).
- [23] Sidorova L.N., Suchenkova V.S., Rybakova Ye.S. [Mind map is a way of making managerial decisions]. *Aktualnye problemy aviatsii i kosmonavtiki = Topical issues of aviation and cosmonautics*. 2014; 10:128-129. Available at: <https://cyberleninka.ru/article/v/mozgovaya-karta-sposob-prinyatiya-uprav-lencheskih-resheniy> (accessed 13.03.2018). (In Russ.)